

Region 7



No NWI Map Available

Draft

Final

Digital Data Status

Digitizing in Progress

No Digital Data Available

NAD27 Data Available

United Utilities, Inc.

Affiliate of United KING Affiliate of Unicom



July 27, 2004

Mary Leycom
Regulatory Specialist
U.S. Army Engineer District, Alaska
PO Box 6898
Elmendorf AFB Alaska 99506-6898

Re: file number 9-2003-1460-64 - Kongiganak, Kwigillingok, and Tuntutuliak

Dear Ms. Leycom,

The material in this package includes the current drawings for the Kongiganak, Kwigillingok, and Tuntutuliak sites and area maps showing the general location of the sites. The work in Tuntutuliak involves placement of fill at the location for a new microwave tower behind our existing Central Office. The work in Kongiganak and Kwigillingok involves placement of fill for a new building and a new microwave tower. The drawings show the dimensions of the access road/construction pad and the piling detail in profile and plan view.

To the best of our knowledge, the sites are wetlands. This letter is notification of intent to make use of NWP # 12 for the Kongiganak site. It is our understanding that the proposed filled area of 0.17 acres meets the requirements for using NWP # 12.

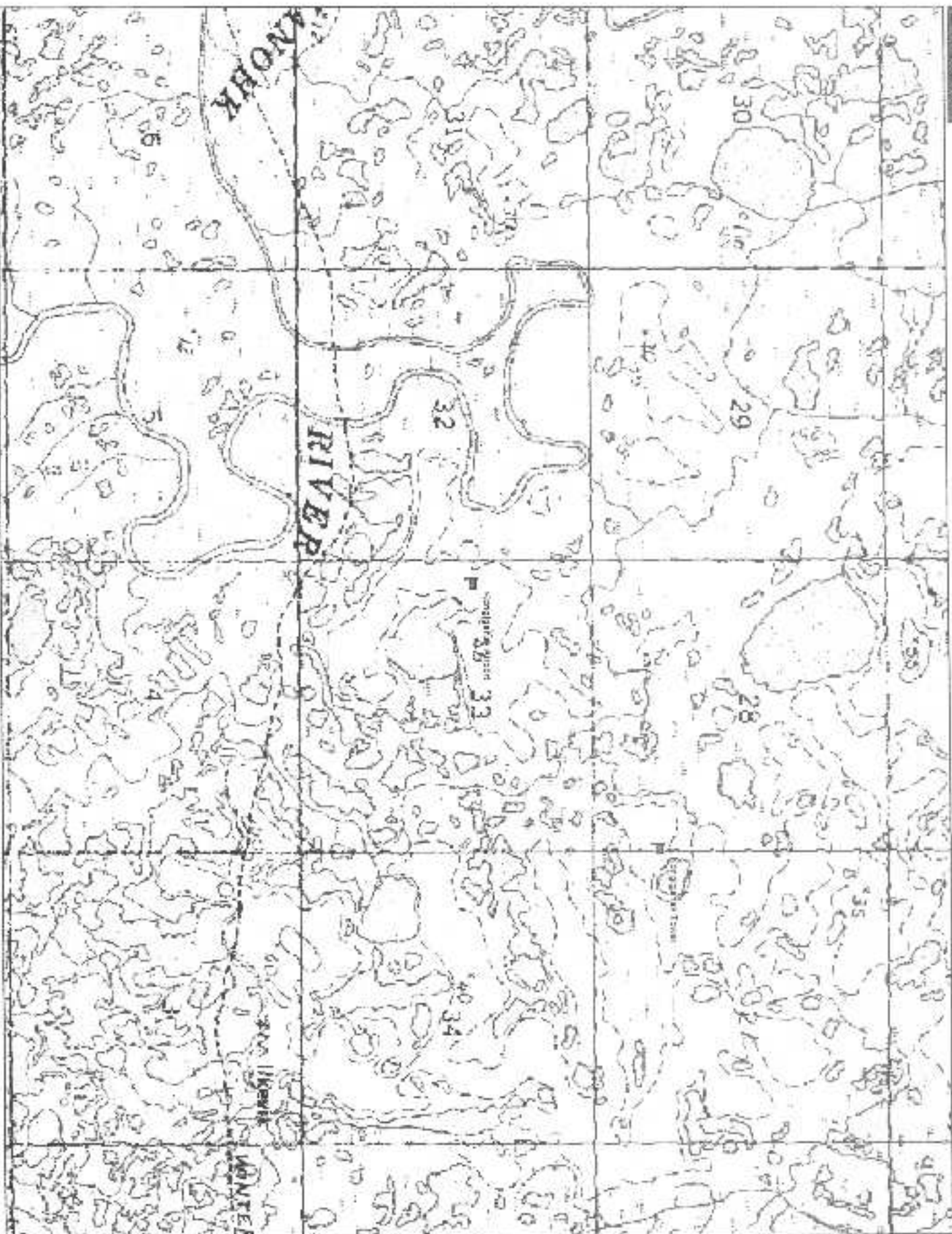
This letter is notification of intent to make use of NWP # 12 for the Kwigillingok site. It is our understanding that the proposed filled area of 0.17 acres meets the requirements for using NWP # 12.

This letter is notification of intent to make use of NWP # 18 in Tuntutuliak. It is our understanding that the proposed filled area of less than 1/10th acre meets the requirements for using NWP # 18.

I will be out of the office until Wednesday, 7/28/04. If you need additional information before then, please contact Jill McLeod at 273-5290.

Regards,


Jon Duracinski
COE Manager
United Utilities, Inc.
273-5280



© 2004 DeLorme, All rights reserved.

www.delorme.com

1000-4302(200105)23:5:1-0



Para 7.1.1.2

THIS PROJECT
**UNITED UTILITIES
 KONGIGANAK LEASE LOT**

20,000 Sq Ft (0.46 Acres) Lot Size
 7,573 Sq Ft (0.174 Acres) Pad Area
 Lat 58° 58' 11.0" Long 152° 51' 18.0"



LOCATION MAP



United Utilities, Inc.

Affiliate of Unicom

1201 3014513
 FAX 1911 430-1143

1400 J STREET
 ANCHORAGE, ALASKA
 99511-1304



LOOKS FROM WEST

**MICROWAVE TOWER
 & EQUIPMENT BUILDING
 KONGIGANAK, AK**

7/22/04

DRAWN BY: POJ

CHECK BY: CH

DATE: JULY 2004

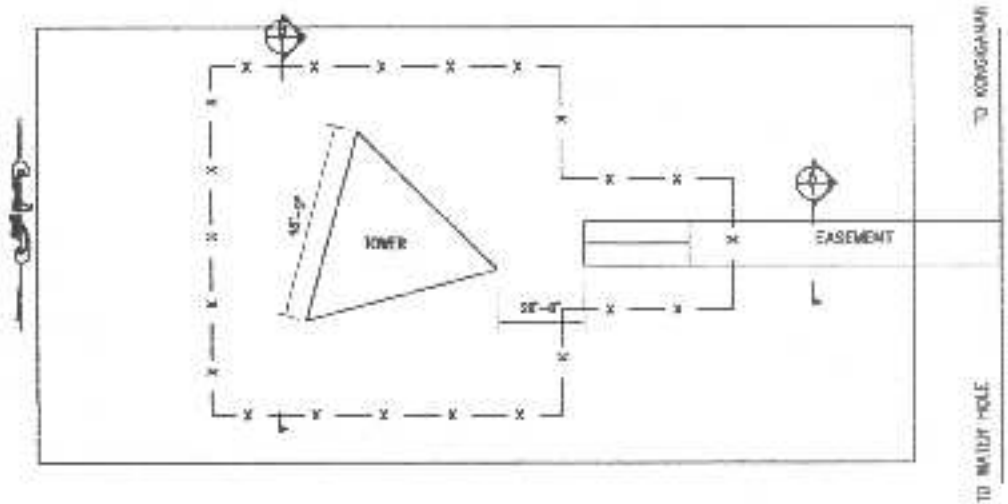
EXCHANGE
 KONGIGANAK
 1000

SCALE: AS SHOWN

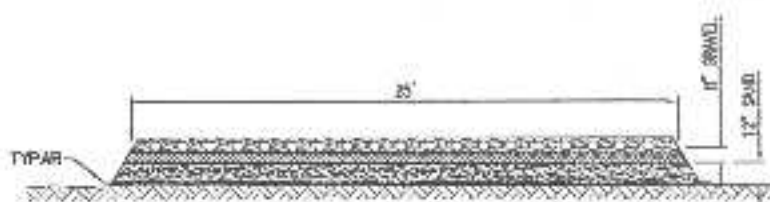
SHEET 1 of 2

DWG FILE No: KONGIGANAK AUTUMN

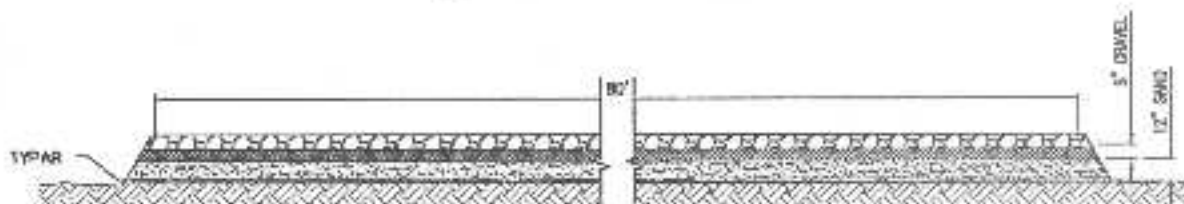
NO DATE REVISION BY



1 SITE PLAN
1" = 48'-0"



A TYPICAL CROSS SECTION
SCALE: 1/8" = 1'-0"



B TYPICAL CROSS SECTION
SCALE: 1/4" = 1'-0"



United Utilities, Inc.

Affiliate of Unicom

SUBS & STAMPT
ANCHORAGE, ALASKA
PR 101281

TTY 481-1624
FAX 481-553-2163



MICROWAVE TOWER
& EQUIPMENT BUILDING
KONGIGANAK, AK

7/22/04

DRAWN BY PCJ

CHECK BY DH

DATE JULY 2004

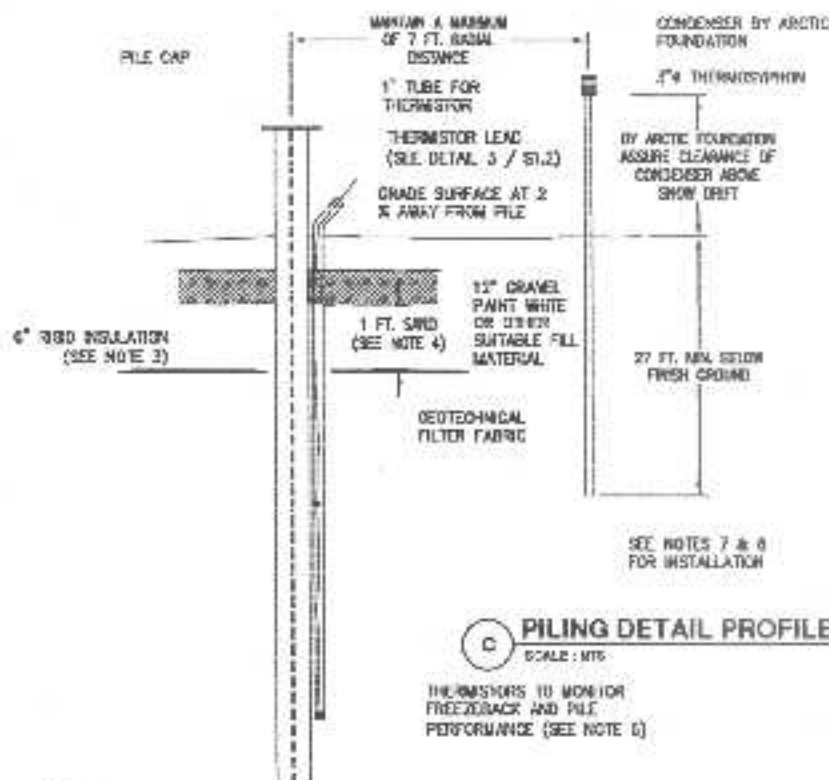
EXCHANGE
KONGIGANAK
NXX

SCALE AS SHOWN

SHEET 2 OF 3

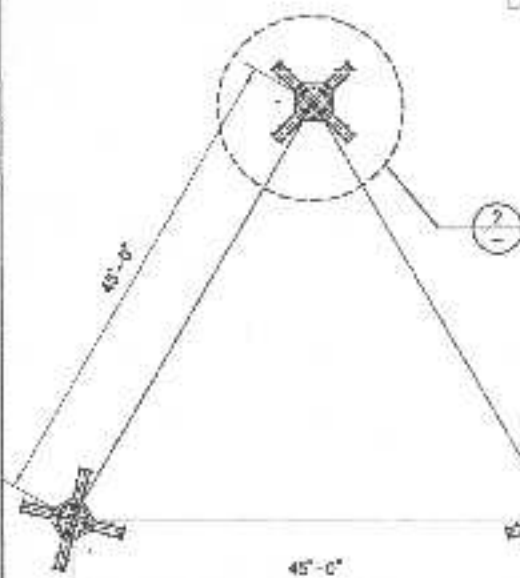
DWG FILE No KONGIGANAK 407050A

BY
DATE
NO.

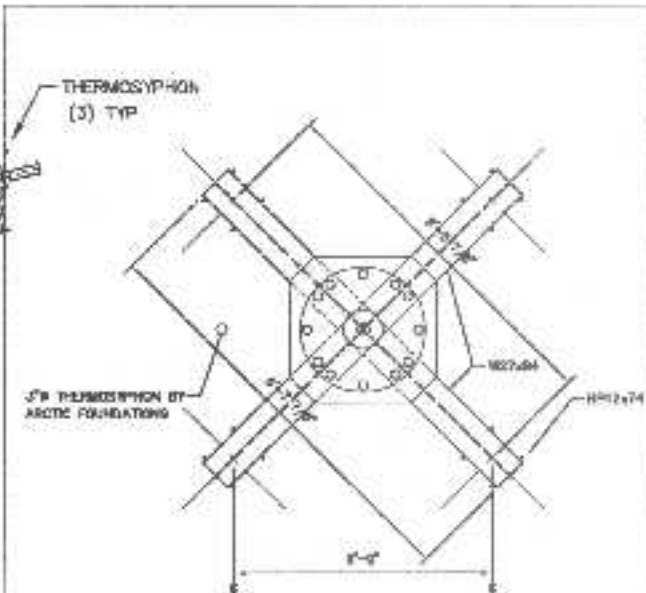


C PILING DETAIL PROFILE VIEW
SCALE: NTS

THERMISTORS TO MONITOR
FREEZEDBACK AND PILE
PERFORMANCE (SEE NOTE 6)



D TOWER SITE PLAN
1/4" = 1'-0"



E PILING PLAN
1/4" = 1'-0"



United Utilities, Inc.
Affiliate of Unicom

907-84-004
402 847-682-315

543 K STREET
ANCHORAGE, ALASKA
99501-1291



MICROWAVE TOWER
& EQUIPMENT BUILDING
KONGIGANAK, AK

712204

DRAWN BY: PDL

CHECK BY: DH

DATE: JULY 2004

EXCHANGE
KONGIGANAK
NXX

SCALE: AS SHOWN

SHEET 3 of 3

UNG FILE No: KONGIGANAK MTFM

BY

REVISION

DATE

NO



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, ALASKA
P.O. BOX 6898
ELMENDORF AFB, ALASKA 99506-6898

AUGUST, 19 2004

Regulatory Branch
North Section
POA-2003-1462-D

Mr. Jon Duracinski
United Utilities, Inc.
5450 A Street
Anchorage, AK 99518-1278

OPTIONAL FORM 99 (7-85)

FAX TRANSMITTAL

of pages ▶

To	Jill McLeod	From	Mary L.
Dept./Agency		Phone #	753-2711
Fax #	563-3185	Fax #	

NSN 7540-01-517-7888

5009-101

GENERAL SERVICES ADMINISTRATION

Dear Mr. Duracinski:

This is in response to your July 27, 2004, request to conduct work under a Department of the Army (DA) Nationwide Permit (NWP). Your proposed work involves constructing a 0.17-acre fill pad (insulated to protect permafrost), upon which a 230' microwave tower and small equipment building would be constructed. Twenty power poles would also be installed, along the existing boardwalk access, to bring a power line to the tower. The project would be located in section 28, T. 2 S., R. 79 W., Seward Meridian, in Kongiganak, Alaska (Latitude 59.966°N, Longitude 162.850°W).

DA permit authorization is necessary because your project would require placing fill material into waters of the U.S. under our regulatory jurisdiction.

Based upon the information and plans you provided, we hereby verify that the work described above, which would be performed in accordance with the enclosed plan (your letter and sheets 1 and 2), dated July 27, 2004, is authorized by NWP# 12, Utility Line Activities. NWP #12 and its associated Regional and General Conditions can be accessed at our website at www.poa.usace.army.mil/reg or, at your request, a paper copy will be provided to you. Regional Conditions A-F, I, and K-O apply to your project. You must comply with all terms and conditions associated with NWP #12.

Further, please note General Condition 14 requires that you submit a signed certification to us once any work and required mitigation are completed. Enclosure 1 is the form for you to complete and return to us.

We also acknowledge that consultation with the U.S. Fish and Wildlife Service under Section 7 of the Endangered Species Act has caused you to incorporate five measures into your project which will reduce risk to threatened eiders from the tower and/or power lines and poles.

This verification will be valid for two years from the date of this letter, unless the NWP authorization is modified, suspended, or revoked.

Nothing in this letter shall be construed as excusing you from compliance with other Federal, State, or local statutes, ordinances, or regulations which may affect this work.

-2-

Please contact me at the letterhead address, ATTN: CEPOA-CO-R-N, at 753-2716, or by FAX at 753-5567, if you have any questions. For additional information about our Regulatory Program, visit our web site at www.poa.usace.army.mil/reg.

Sincerely,

A handwritten signature in black ink that reads "Mary Leykom". The signature is written in a cursive, flowing style.

Mary Leykom
Regulatory Specialist/Biologist

Enclosures

United Utilities, Inc.

Affiliate of United KUC Affiliate of Unicom

July 27, 2004

Mary Leycom
Regulatory Specialist
U.S. Army Engineer District, Alaska
PO Box 6898
Elmendorf AFB Alaska 99506-6898

RECEIVED

JUL 28 2004

REGULATORY BRANCH
Alaska District, Corps of Engineers

Re: file number 9-2003-1460-64 - Kongiganak, Kwigillingok, and Tuntutuliak

Dear Ms. Leycom,

The material in this package includes the current drawings for the Kongiganak, Kwigillingok, and Tuntutuliak sites and area maps showing the general location of the sites. The work in Tuntutuliak involves placement of fill at the location for a new microwave tower behind our existing Central Office. The work in Kongiganak and Kwigillingok involves placement of fill for a new building and a new microwave tower. The drawings show the dimensions of the access road/construction pad and the piling detail in profile and plan view.

To the best of our knowledge, the sites are wetlands. This letter is notification of intent to make use of NWP # 12 for the Kongiganak site. It is our understanding that the proposed filled area of 0.17 acres meets the requirements for using NWP # 12.

This letter is notification of intent to make use of NWP # 12 for the Kwigillingok site. It is our understanding that the proposed filled area of 0.17 acres meets the requirements for using NWP # 12.

This letter is notification of intent to make use of NWP # 18 in Tuntutuliak. It is our understanding that the proposed filled area of less than 1/10th acre meets the requirements for using NWP # 18.

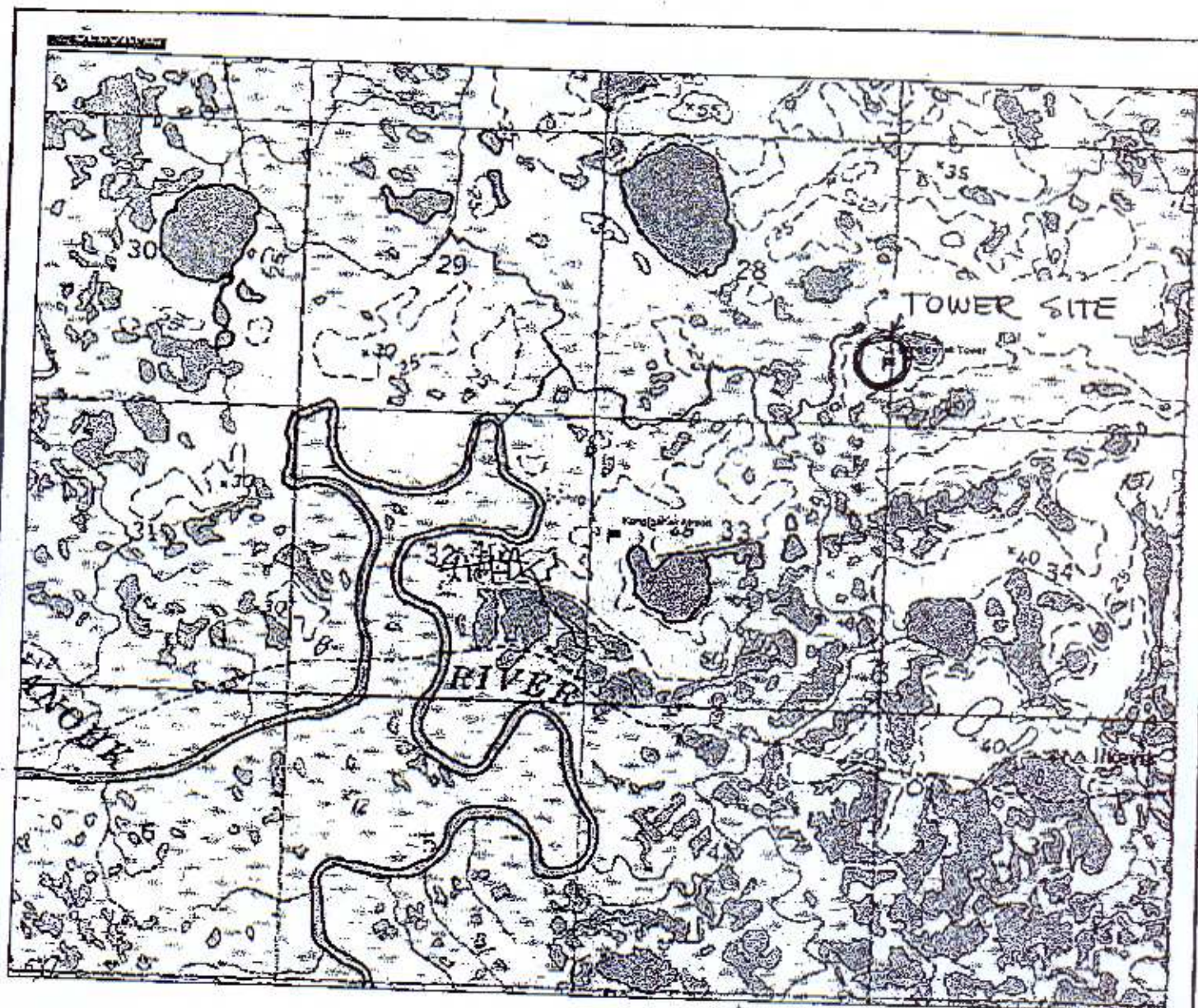
I will be out of the office until Wednesday, 7/28/04. If you need additional information before then, please contact Jill McLeod at 273-5290.

Regards,

David A. Henko
for Jon D

Jon Duracinski
COE Manager
United Utilities, Inc
273-5280

POA-2003-1462

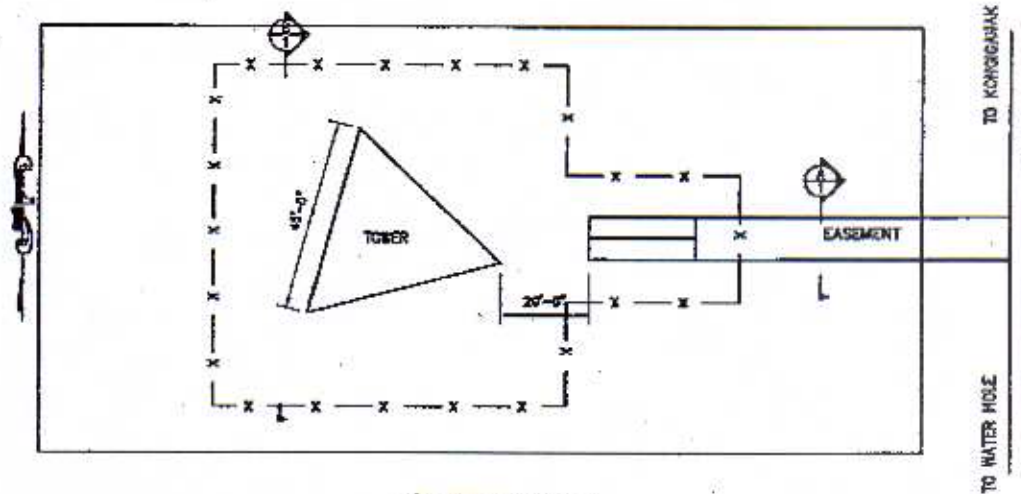


United Utilities, Inc.
Microwave Tower in
Kongiganak, Alaska

Location/Vicinity Map
Corps Number POA-2003-1462

Sheet 1 of 2

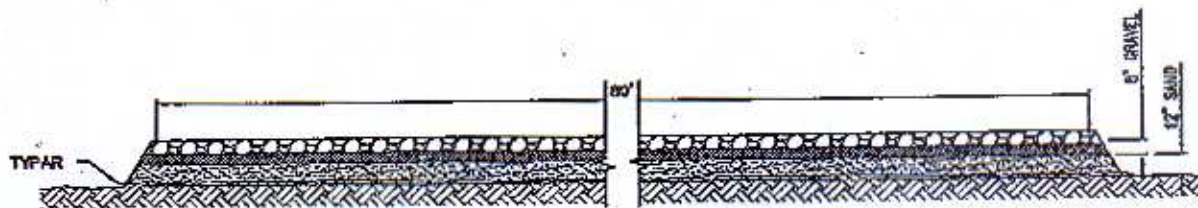
JULY 2004



1 SITE PLAN
1" = 60'-0"



A TYPICAL CROSS SECTION
SCALE: 1/4" = 1'-0"



B TYPICAL CROSS SECTION
SCALE: 1/4" = 1'-0"



United Utilities, Inc.
Affiliate of Unicom

907-481-4174
FAX 907-581-5185

4504 A STREET
ANCHORAGE, ALASKA
99518-1204



ROWAVE TOWER
JIPMENT BUILDING
KONGIGANAK, AK

7/22/04

United Utilities, Inc.
Microwave Tower in
Kongiganak, Alaska

Plan View and Cross Section
Corps Number POA-2003-1462

Sheet 2 of 2

JULY 2004



Federal Aviation Administration
Alaska Regional Office
222 West 7th Avenue, #14-AAL-535
Anchorage, AK 99513-7587

Aeronautical Study No.
2004-AAL-245-OE

Issued Date: 7/26/2004

George Watters
United Utilities, Inc
5450 A Street
Anchorage, AK 99518

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has completed an aeronautical study under the provisions of 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure Type: Antenna Tower
Location: Kongiganak, AK
Latitude: 59-58-12.32 NAD 83
Longitude: 162-51-20.1
Heights: 235 feet above ground level (AGL)
275 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure should be marked and/or lighted in accordance with FAA Advisory Circular 70/7460-1 AC 70/7460-1K, Obstruction Marking and Lighting, red lights - Chapters 4,5(Red),&12.

It is required that the enclosed FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

____ At least 10 days prior to start of construction
(7460-2, Part I)

X Within 5 days after the construction reaches its greatest height
(7460-2, Part II)

As a result of this structure being critical to flight safety, it is required that the FAA be kept appraised as to the status of the project. Failure to respond to periodic FAA inquiries could invalidate this determination.

This determination expires on 1/26/2006 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (907)271-5863. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2004-AAL-245-OE.

Signature Control No: 389857-292419

(DNE)

Robert van Haastert
Specialist

Attachment(s)
Frequency Data

7460-2 Attached

Frequency Data for ASN 2004-AAL-245-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6.7	6.9	GHz	10	KW